Tiger Tool International Incorporated

HEAVY DUTY TRUCK & AUTOMOTIVE TOOLS

PRODUCT CATALOG

8TH EDITION

TIGER TOOL International Incorporated

HOT new products

four exciting new additions

Leaf Spring Pin & Bushing Kit

Part# 15001
See Page 7 For Details

Stud Installer & Removal Kit

Part# 10608
See Page 5 For Details

Pneumatic Impact Wrenches

See Page 16 For Details

Xstream Commercial Products

Xstream
COMMERCIAL PRESSURE WASHERS

See Page 19 For Details

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universal joint / yoke puller tools

10102 - Universal Joint Puller

- Eliminates dangerous jacking, hammering, and torching.
- Removes sealed u-joint cups in minutes.
- Does not damage the driveshaft, yokes, joints, or bearing cups.
- Patented design provides the most effective mechanical advantage for easy disassembly.
- One piece unit (with no assembly required). No bolts, no cables and no adapters.

Shipping Weight 13 lbs

The World's greatest original U-Joint Puller! Engineered for use with up to a one-inch impact wrench, this tool provides the ultimate "brute strength" for disassembling drivelines.

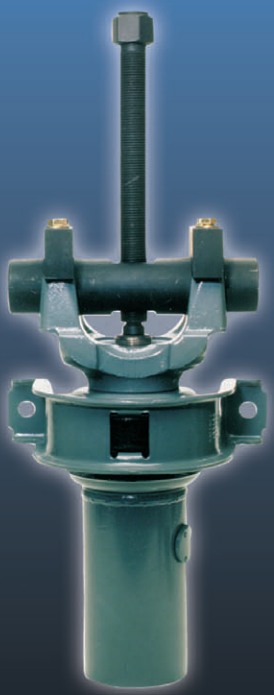
Fits Spicer drivelines 1610, 1710, 1760, 1810, 1880, Meritor (Rockwell) 16N, 17N, 18N, 1710, Spicer SPL 140, 170, 250 "Life Series", and Meritor RPL 20, 25 "Permalube" Series. (Virtually all Class 7 and 8 Trucks and Machinery)

Fits U-Joints with bearing cups 1.5" to 2.2"

Tested and recommended by the Spicer Driveshaft Division of Dana Corporation

10803 - Yoke Puller Kit

- CNC machined from billet chrome-moly steel.
- Heat treated and finished to provide maximum strength and wear resistance.
- Engineered and precision machined to provide maximum force. This puller easily generates up to 25,000 lbs of pulling power.



Shipping Weight 18 lbs

The Tiger Yoke Puller simplifies and expedites the removal of heavy-duty yokes on driveshafts, transmissions and rear-end differentials without damage to yokes or other components.

Engineered for use with a 1/2" impact wrench. Fits full and half round yokes on Spicer and Meritor 1610, 1710, 1760, 1810 series, Spicer SPL 140, 170, 250 series and Meritor (Rockwell) RPL 20 and 25 series.

Tested and recommended by the Spicer Driveshaft Division of Dana Corporation

HEAVY-DUTY TRUCK

universal joint / axle shaft tools

10201 - Bearing Cup Installer

Shipping Weight 2 lbs

The Truck U-Joint Bearing Cup Installer is designed for accurate installation of bolt retained bearing cups.

Fits Driveline Series 1610 to 1880. (Virtually all heavy-duty truck and machinery type u-joints with bolt retained bearing cups.)

Accurately aligns bolt retained bearing cups.

Reduces the risk of damage to needle bearings during the installation process.

10217 - Bearing Cup Installer

Shipping Weight 14 lbs

The Bearing Cup Installer will install bearing cups quickly and accurately into the Dana/Spicer SPL "Life Series" universal joints, one at a time. Pre-determined "installed heights" specified by the manufacturer are engineered into the components to ensure correct installation every time.

Fits Spicer SPL 140, 170, and 250 Series drivelines.

IMPORTANT: For use on quick-disconnect universal joints only.

Tested and recommended by the Spicer Driveshaft Division of Dana Corporation

Designed for use along with the 10102 U-Joint Puller.

11001 - Axle Shaft Puller

Axle Shaft Puller includes the two most common 5/8" x 18 adapters as shown above.

Shipping Weight 18 lbs

Any mechanic will tell you that the removal of drive-axles is usually difficult, time consuming, and often dangerous.

1) works on all medium to heavy-duty Eaton and Rockwell drive axles;
2) has a base that bolts onto two studs while straddling an additional two, for solid, positive locating;
3) has a spring-loaded 4140 heat-treated drive-pin, case hardened and designed to maintain direct contact with the center of the axle flange;
4) has fully adjustable pulling arms and stud adapters that are quick and easy to install (less than one minute);
5) has a large drive-pin head extending well beyond the wheel, providing an easy target;
6) eliminates damage to axle studs;

Optional adapters available

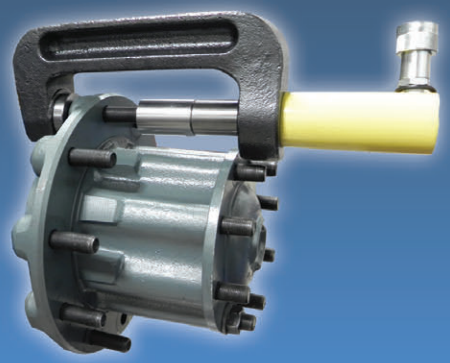
Part*	Description
11010	Two 1/2" x 20 Adapters
11015	Two 9/16" x 18 Adapters
11020	Two 3/4" x 16 Adapters
11025	Two 1/2" x 13 Adapters
11030	Two 5/8" x 11 Adapters
11035	Two 5/8" x 18 Adapters

10608 - Hydraulic Wheel Stud Service Kit

U.S. Patent #'s 6,505,390 & 6,618,920

Shipping Weight 36 lbs

- Remove and install 10 studs in only 10-20 minutes!
- Removal of the hub is not required!
- Eliminates the risk of damage to hubs, seals, wheel bearings, and wheel studs!
- Maximum safety from accurate installations!
- For use on inboard hubs on trucks, semi-trucks, and buses.
- 10 Ton hydraulic cylinder
- Interchangeable adapters for maximum flexibility



NOTE: Requires Hydraulic Power Source - See page 6.

10603 - Wheel Stud & Brake Anchor Pin Service Kit

U.S. Patent #'s 5,839,180, 6,505,390 & 6,618,920

Shipping Weight 39 lbs

Wheel Studs

- Remove and install 10 studs in only 20-30 minutes!
- Removal of the hub is no longer required!
- Eliminates the risk of damage to hubs, seals, wheel bearings, and wheel studs!
- Maximum safety from accurate installations!
- For use on inboard hubs on trucks, semi-trucks, and buses.
- Only 14 lbs assembled weight for installation of studs. (24 lbs assembled weight for removal of studs)

Remove and Install Brake Anchor Pins and Bushings.

Brake Anchor Pins & Bushings

- Easily remove the most severely seized brake anchor pins and bushings, and install new ones in just minutes!
- Fit's 16½" s-cam trailer and tractor "Q" brake systems.
- Only 24 lbs assembled weight.

Part*	Description
10610	Adapter - 1 1/8" - Right
10615	Adapter - 1 1/8" - Left
10620	Adapter - 3/4" Right
10625	Adapter - 3/4" Left
10630	Adapter - 22 mm
10640	Adapter - Custom Size

NOTE: Requires Hydraulic Power Source - See page 6.

HEAVY-DUTY TRUCK

hydraulic pumps & anchor pins

16001 - Stud Removal & Anchor Pin Service Kit

U.S. Patent #'s 6,505,390 & 6,618,920

Shipping Weight 22 lbs

- Virtually eliminates the risk of damaging hubs, seals, bushings, bearings, and wheel studs.
- Easily removes wheel studs, also installs and removes anchor pins and bushings safely in just minutes.
- Designed for use on inboard and outboard hubs on trucks and buses.
- Maximum safety from accurate installations!
- Made from heat treated alloy steels for strength & durability.
- Black Oxide Finish for long life.

70125 - 10,000 psi Air / Hydraulic Pump

Shipping Weight 22 lbs

The new Tiger Tool 70125 Air Hydraulic Pump is made of light weight corrosion-resistant aluminum for durability and provides up to 10,000 PSI with a standard shop air supply. It features a user friendly foot-actuated design for easy control and an air exhaust muffler for quieter operation and reduced operator fatigue. A hose and pressure gauge which indicates working hydraulic pressure is included.

70126 - Enerpac 10,000 psi Air / Hydraulic Rotary Pump

Shipping Weight 22 lbs

- Ergonomic design for less operator fatigue
- Variable oil flow & fine metering for precise control
- Higher oil flow for increased productivity
- Closed hydraulic system prevents contamination and allows pump usage in any position
- Pedal lock function for retract position
- Ground screw for improved ATEX explosion safety
- External adjustable pressure setting valve.
- Xvari technology to precisely control the amount of hydraulic oil flow in advance and retract mode

HEAVY-DUTY TRUCK spring pin bushings

15001- Leaf Spring Pin & Bushing Service Kit

Shipping Weight 35 lbs

Removes & Installs rubber isolated pin bushings from the spring eye and chassis mounts while the suspension remains on the vehicle. Designed for use on Kenworth T-800 and some T-400 & 500 class 8 trucks (Front rubber isolated suspension bushing #B65-1012 with a 2 1/16 O.D. & Threaded Bushing #B13-1002 with a 2 1/16 O.D.)

Standard shop charge out time on this job can easily be reduced by up to 50%!

No handling of large suspension assemblies required

No removal of spring packs from the axle

Hydraulic cylinder creates 20 Tons of pulling power for quiet smooth removal & installation. Easy to use, safe, designed from alloy steel with a nickel plated inner cylinder for greater durability

Black Oxide Finish for long life

Made from heat treated alloy steels for strength & durability

Tested & Approved by Kenworth dealer repair facilities

15002- Highway Truck Suspension Add On Kit

Shipping Weight 10 lbs

Additional components designed for use on Kenworth T-660, W-900 & T2000 Suspension Bushings.

For use with the following bushing part numbers:

- Rubber Isolated Bushing #'s B65-1001 & B65-1006 with a 1 3/4 O.D.
- Threaded Bushing #5295 with a 1 3/4 O.D.

Made from heat treated alloy steels for strength & durability

Black Oxide Finish for long life

** For use with 15001 Leaf Spring Pin & Bushing Service Kit **

15003- Universal Bushing Puller Add On Kit

Shipping Weight 18 lbs

Universal bushing service kit includes a 36 inch high tensile strength pulling bar with the following 11 disc sizes:

1.735"	2.110"	2.485"	2.860"
1.865"	2.235"	2.610"	2.985"
1.985"	2.360"	2.735"	

Kit also includes 4 adapter caps for use with 15001 tubes.

** For use with 15001 Leaf Spring Pin & Bushing Service Kit **

HEAVY-DUTY TRUCK

pilot bearing - slack adjuster tools

11201 - Clutch Pilot Bearing Puller

Shipping Weight 2 lbs

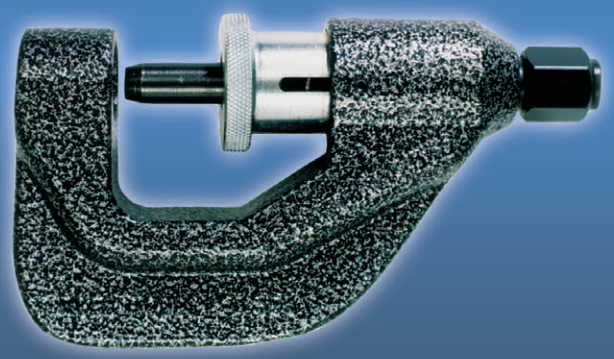
Speeds removal of clutch pilot bearing from crankshafts on heavy-duty trucks.

Complete tool is made from heat-treated 4140 chrome-moly steel and nitrated for long life, even under heavy usage conditions.

For use with 30mm bearing I.D.

10501 - Brake Clevis Pin Press

U.S. Patent # 5,271,136



Shipping Weight 3 lbs

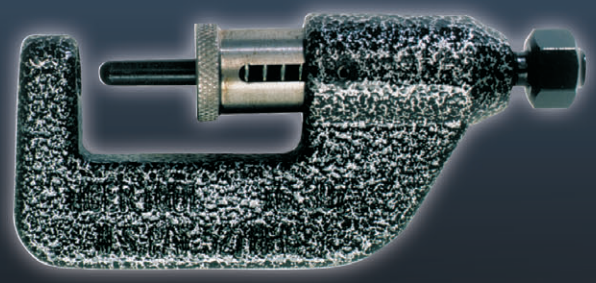
The Tiger Brake Clevis Pin Press works on all makes and models of truck and trailer slack adjuster brake clevises.

The spring-loaded plunger positions itself automatically over the brake clevis pin. Rotation of the forcing screw instantly shears the cotter pin as the clevis pin is removed quickly and easily.

Fits virtually all makes and models of truck and trailer slack adjuster brake clevises.

10502 - Slack Adjuster Rod Pin Press

U.S. Patent # 5,271,136



Shipping Weight 1 lb

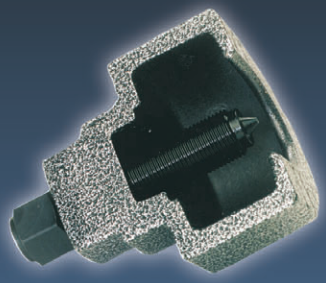
The Tiger Slack Adjuster Rod Pin Press positions itself automatically over the adjuster rod clevis pin with a spring loaded plunger. The cotter pin is instantly sheared off as the 3/16" clevis pin is easily removed.

Fits virtually all makes and models of automatic slack adjuster rod pins.

slack adjuster tools

10406 - Slack Adjuster Puller - Manual

U.S. Patent# 5,177,851



Shipping Weight 5 lbs

Slack Adjuster Puller for manual type slack adjusters.

Fits virtually all makes and models of manual type slack adjusters. Designed for use with up to a 3/4 inch impact wrench.

10407 - Slack Adjuster Puller - Rockwell

U.S. Patent# 5,177,851

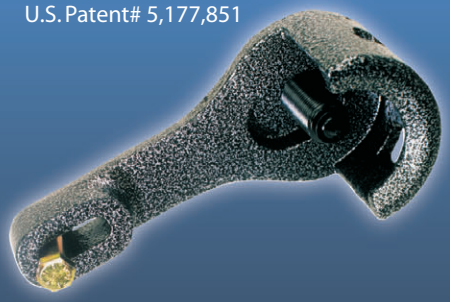
Shipping Weight 7 lbs

Slack Adjuster Puller for Rockwell slack adjusters.

Fits virtually all Rockwell self-adjusting slack adjusters.

10409 - Slack Adjuster Puller - Gunite/Brunner/Bendix

U.S. Patent# 5,177,851



Shipping Weight 8 lbs

Slack Adjuster Puller for Gunite, Brunner, and Bendix slack adjusters.

Fits virtually all Gunite, Brunner, and Bendix self-adjusting slack adjusters.

10410 - Slack Adjuster Puller - Haldex

U.S. Patent# 5,177,851

Shipping Weight 8 lbs

Multi-adjustable slack adjuster puller for Haldex slack adjusters.

New and improved design accommodates the removal of virtually all Haldex self-adjusting slack adjusters including, left offset, right offset, and standard elongated arm designs from either side of the slack adjuster.

High strength A.D.I. castings.

CNC machined, billet 4140 forcing screws.

Grade 8 attaching hardware.

Eliminates dangerous hammering and cutting torch methods.

Designed for high capacity pull. Can be used with a 1/2" impact wrench.

Simple to slip on for instant results.

HEAVY-DUTY TRUCK

heavy-duty service kits

20101 - Universal Joint Puller Kit

Shipping Weight 30 lbs.

Includes:

- 10102 Universal Joint Puller (for Heavy-Duty Trucks)
- 10104 Universal Joint Puller (for Intermediate Size Trucks)
- 10105 Universal Joint Puller (for Cars, Pickups and Farm Machinery)
- 10201 Bearing Cup Installer (for Heavy-Duty Trucks)
- 23-20101 Case

20150 - Heavy-Duty U-Joint Service Kit

Shipping Weight 33 lbs.

The Heavy-Duty U-Joint Kit comes complete with everything you need to dismantle and assemble virtually any heavy-duty truck u-joint.

Includes:

- 10102 U-Joint Puller
- 10201 Bearing Cup Installer
- 10217 Bearing Cup Installer - SPL 140/170/250
- 23-20150 Case

Tested and recommended by the Spicer Driveshaft Division of Dana Corporation

20201 - Heavy-Duty Mechanic's Kit

Shipping Weight 32 lbs.

Includes:

- 10102 Universal Joint Puller
- 10201 Bearing Cup Installer
- 10301 Tie Rod End Remover
- 10406 Manual Slack Adjuster Puller
- 10407 Rockwell Automatic Slack Adjuster Puller
- 23-20201 Case

combination kits

20301 - Heavy-Duty Mechanic's Kit

Shipping Weight 29 lbs.

Includes:
- 10102 Universal Joint Puller
- 10201 Bearing Cup Installer
- 10301 Tie Rod End Remover
- 10406 Manual Slack Adjuster Puller
- 10501 Brake Clevis Pin Press
- 23-20301 Case

20401 - Heavy-Duty Mechanic's Kit

Shipping Weight 35 lbs.

Kit Includes:

- 10102 Heavy Duty Universal Joint Puller
- 10201 Bearing Cup Installer
- 10301 Tie Rod End Remover
- 10409 Gunite, Brunner, and Bendix self-adjusting slack puller
- 10410 Haldex self-adjusting slack puller
- 23-20401 Case

20602 - Slack Adjuster Service Kit

Shipping Weight 36 lbs.

The Slack Adjuster Service Kit comes with everything you need to service manual and automatic self-adjusting type slack adjusters.

Includes:
- 10406 Manual Slack Adjuster Puller.
- 10407 Rockwell Slack Adjuster Puller.
- 10409 Gunite / Brunner / Bendix Slack Adjuster Puller.
- 10410 Haldex Multi Adjustable Slack Adjuster Puller.
- 10501 Brake Clevis Pin Press.
- 10502 Slack Adjuster Rod Pin Press.
- 23-20602 Case.

HEAVY-DUTY TRUCK

tie rod tools

10301 - 10310 - Tie Rod End Removers

Shipping Weight 1 lbs

The Tiger Tie Rod End Remover provides a safe and effective means to "shock" tie rod ends loose without risk of damage to threaded areas, rubber seals, and grease nipples.

Available in three sizes;

- 7/8" Heavy-Duty Trucks - (Most Common)
- 3/4" Intermediate Size Trucks
- 20mm European Trucks

Heat treated and CNC machined from billet chrome-moly steel.

Shipping Weight 3 lbs

Part*	Description
10301	7/8" Tie Rod End Remover (Heavy-Duty Trucks)
10302	3/4" Tie Rod End Remover (Mid-Size Trucks)
10304	20mm Tie Rod End Remover (Metric Trucks)
10310	Complete set; including 10301, 10302, 10304

10351 & 10353 - Tie Rod Sockets

The Tiger Tie Rod Socket provides quick removal or adjustment of tie rod ends on any vehicle.

Available in two sizes: One for;

Cars & Pickup Trucks; I.D. 1.92" / Slot Width .750" - 1/2" Drive
Heavy-Duty Trucks; I.D. 3.0" / Slot Width 1.250" - 3/4" Drive

Note: I.D. - Inside Diameter of Socket.

Shipping Weight 3 lbs

Part*	Description
10351	Tie Rod Socket - Cars/Pickups
10353	Tie Rod Socket - Heavy-Duty Trucks

One piece design. Impact gun compatible.

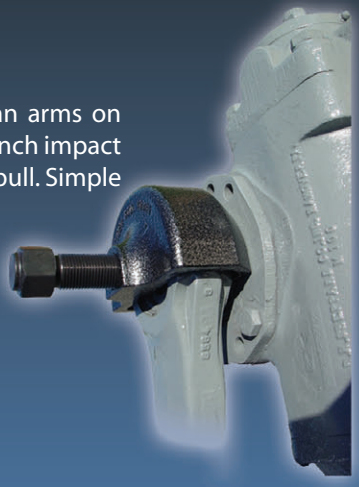
Forged or CNC machined from heat treated 4140 chrome-moly steel.

10385 - Pitman Arm Puller - Sheppard

Shipping Weight 3 lbs

The Tiger Pitman Arm Puller is designed to remove pitman arms on virtually all heavy-duty trucks. May be used with up to a 3/4 inch impact wrench. Made of high strength cast steel for high capacity pull. Simple to slip on for instant results.

Fits Sheppard Style Pitman Arms



10386 - Pitman Arm Spreader

Shipping Weight 3 lbs

- The Tiger Universal Pitman Arm Spreader provides for the quick and safe removal of Pitman Arms on 2 ton and larger trucks.
- Tiger's high strength adjustable pulling arms fit various widths of pitman arms for easy installation and removal of the tool.
- Made of 4140 heat-treated steel, the Pitman Arm Spreader can be used with up to a ½" impact wrench. Simply slip it on for instant results.

20387 - Pitman Arm Service Kit

Shipping Weight 10 lbs

The Tiger 20387 Pitman Arm Service Kit combines the 10385 Pitman Arm Puller - Sheppard, 10386 - Pitman Arm Spreader, and a convenient custom high density foam-filled case.

MEDIUM-DUTY AUTOMOTIVE

automotive driveline tools

10388 - Intermediate Pitman Arm Puller

Shipping Weight 5 lbs.

Designed for intermediate trucks, school buses, delivery trucks and other vehicles with a nut release Pitman arm.

No torch or hammering required eliminating risk of damage to bearings. Rugged cast body with a lifetime warranty, engineered for the toughest jobs.

Max glove opening is 3.5 inches

14001 - Torsion Bar Unloader

Shipping Weight 4 lbs.

GM's K-35 series trucks with heavy-duty chassis require a serious tool to manage the added force generated by the larger torsion bars. The larger C-frame opening on the 14001 accommodates the larger diameter torsion bars and is retained in place while loosening or tightening the adjusting bolt. The integrated hex allows for the use of a box end wrench to counteract the impact torque rotation.

This tool works on 1988 and newer GMC and Chevrolet 1/2- 3/4- and 1-ton pickups; S-10 Blazers S-15 Jimmys 4WD pickups with 4.3L V-6 engines; and 1991 and newer Oldsmobile Bravadas.

Six Reasons Why You Should Own Tiger Tools

Greater Profits

Tiger tools increase mechanic productivity, resulting in greater profits and a decrease in equipment down time.

High Quality

Tiger tools are engineered using high quality alloys providing high strength and wear resistence.
Each tool is finished with regard to user handling, durability, corrosion resistance and lubricity.

Established Reputation

Since 1984 tens of thousands of tools have been sold, and are in use worldwide.

Increased Safety

Tiger tools eliminate traditional (torch, jack and hammer) methods that have resulted in various personal injuries.

Simple To Use

All Tiger tools are time effective and simple to use. Where possible, tools are one piece units, requiring little or no assembly, bolts, cables or adapters.

"No Risk" Ownership

Tiger Tool stands behind it's products with a full comprehensive warranty. (See page 20).

u-joint pullers & installers

10104 - Universal Joint Puller

Shipping Weight 7 lbs

U-Joint Puller designed to fit drivelines 1500 series and under, on intermediate trucks, school buses, farm, and light industrial vehicles. Removes sealed u-joint cups in minutes.

Fits U-Joints with bearing cups 1.25" to 1.7" O.D.

DESIGNED TO FIT SPICER SPL 90 & 100 SERIES DRIVELINES.

10105 - Universal Joint Puller

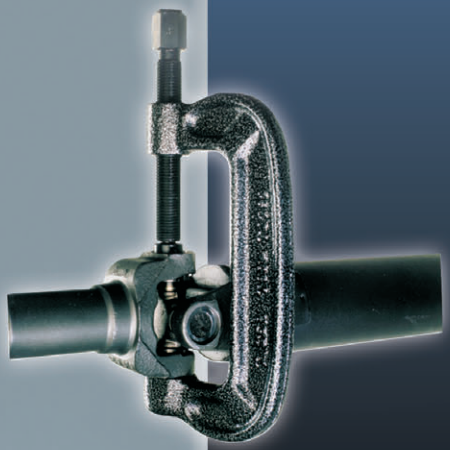
Shipping Weight 4 lbs

U-Joint Puller designed to fit cars, light-duty trucks, and farm machinery. Can be used on aluminum driveshafts.

Removes sealed u-joint cups in minutes.

Fits u-joints with bearing cups 1.0" to 1.25" O.D.

10202 - Bearing Cup Installer



Shipping Weight 4 lbs

The Tiger Bearing Cup Installer installs two bearing cups in one procedure. An encased magnet retains bearing cup #2 in place over the yoke assembly opposite the forcing bolt. Meanwhile, bearing cup #1 is maintained in place by the force of the rotating plunger at the end of the threaded bolt.

Both bearing cups are pressed simultaneously, freeing the mechanics hands to both; operate an air-wrench, and; maintain the position of the u-joint cross during the installation procedure.

Fits virtually all medium and light-duty universal joints on 1210-1550 series drivelines.

Eliminates dangerous vise and socket, or hammering methods.

Removes sealed u-joint cups in minutes.

Does not damage the drive shaft yokes, joints or bearing cups.

Patented design provides the most effective mechanical advantage for disassembly.

Heavy-duty construction.

One piece unit (with no assembly required). No bolts, no cables, and no adapters.

PNEUMATIC TOOLS

impact wrenches

30301- 3/4″ Pneumatic Impact Wrench

Shipping Weight 11 lbs

- Composite body with a steel hammer case.
- Twin hammer impact mechanism
- Air exhaust with muffler
- Easy access forward / reverse button
- 4 torque settings
- Pin type clutch

Drive	:3/4″
Bolt Capacity	:1″
Max Torque	:860 ft-lb
Free Speed	:4,300 rpm
Overall Length	:10.5″
Net Weight	:9.5 lbs
Sound Level	:94.6 dB

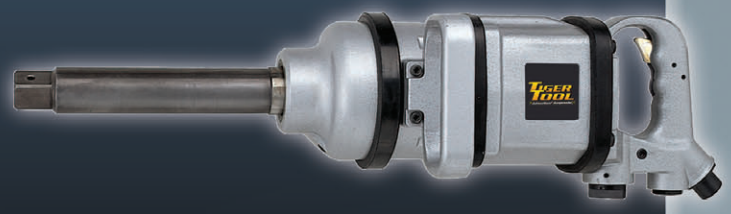
30401- 1″ Pneumatic Impact Wrench

Shipping Weight 11 lbs

- Composite body with a steel hammer case
- Twin hammer impact mechanism
- Air exhaust with muffler
- Easy access forward / reverse button
- 4 torque settings
- Pin type clutch

Drive	:1″
Bolt Capacity	:1 1/2″
Max Torque	:860 ft-lb
Free Speed	:4,300 rpm
Overall Length	:12.5″
Net Weight	:10 lbs
Sound Level	:90.4 dB

30402- 1″ Pneumatic Impact Wrench



Shipping Weight 42 lbs

- Pinless hammer clutch to improve torque and durability.
- Ergonomic Design
- Precise speed control

Drive	:1″
Bolt Capacity	:2″
Max Torque	:1,620 ft-lb
Free Speed	:3,000 rpm
Overall Length	:25″
Net Weight	:40 lbs
Sound Level	:96 dB

yoke pullers - pliers

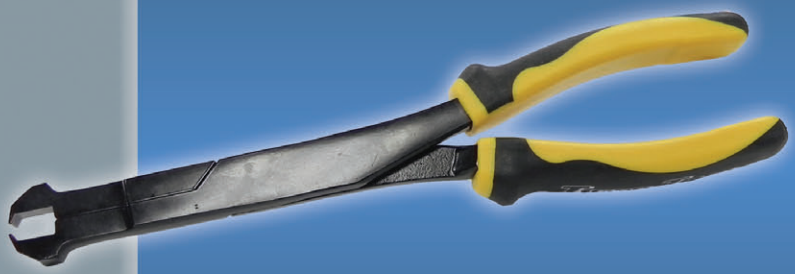
10850 - Automotive Yoke Puller

Shipping Weight 3 lbs

The Tiger Automotive Yoke Puller simplifies and expedites the removal of automotive yokes on drive shafts, transmissions and rear-end differentials without damage to the yokes.

Fits passenger cars to light trucks with strap & bolt and u-bolt applications.

70300 - Snap Ring & Push-Pin Clip Pliers



Shipping Weight 1 lbs

The unique jaw is specifically designed into this tool to easily remove and replace Hotchkiss style snap rings on universal joints. These pliers can be used to break loose, remove, and replace even the most highly corroded snap-rings. Also used to remove plastic (push-pin) retainers on several makes and models of late model cars. Made from heat-treated alloy steel.

As Shown: HONDA
Part# 91501-504-003
INN SCI-5 Clip

70301 - 75 Degree Snap Ring & Push-Pin Clip Pliers

Shipping Weight 1 lbs

The 75 degree head is designed to make quick work of those hard to reach areas. The unique jaw is specifically designed into this tool to easily remove and replace Hotchkiss style snap rings on universal joints. These pliers can be used to break loose, remove, and replace even the most highly corroded snap-rings. Also used to remove plastic (push-pin) retainers on several makes and models of late model cars. Made from heat-treated alloy steel.

MEDIUM-DUTY AUTOMOTIVE

universal joint tools

20503 - Automotive Universal Joint Kit

Shipping Weight 11 lbs

The 20503 Automotive U-Joint Kit comes complete with a universal joint puller, bearing cup installer and snap ring pliers to fit cars, light to intermediate sized trucks, and farm machinery.

Includes:
- 10105 Universal Joint Puller
- 10202 Bearing Cup Installer
- 70300 Hotchkiss Snap Ring Pliers
- 23-20503 Custom High Density Foam-Filled Case

Fits U-Joints with bearing cups 1.0" to 1.25"

Engineered to work on aluminum driveshafts!

20475 - Medium & Light Duty U-Joint Service Kit

Shipping Weight 23 lbs

This combination kit is designed to accommodate the disassembly and assembly of medium, light, P.T.O., and steering knuckle u-joints on cars, light & medium duty trucks, buses and farm machinery.

Includes:
- 10104 U- Joint Puller - Intermediate Size Trucks
- 10105 U-Joint Puller - Cars Thru One Ton Trucks
- 10108 P.T.O. Combination Puller
- 10202 Intermediate Duty Bearing Cup Installer
- 70300 Hotchkiss Style Snap Ring Pliers
- 23-20475 Custom High Density Foam-Filled Case

The ultimate "specific use" u-joint tools in a package, designed for the professional or the do-it-yourself mechanic- there's nothing better!

Engineered to work on aluminum driveshafts!

Xstream
COMMERCIAL PRESSURE WASHERS

X-Stream Pressure Washers offers a full line of industrial power equipment including cold and hot water pressure washers, generators, water pumps, and pressure washer accessories. Accessories include flat surface cleaners, extension wands, waterbrooms, spray guns, nozzles, pumps, QC fittings, and more. Visit www.tigertool.com for more information.

Pressure Washers

Generators

Water Pumps

High Pressure Pumps

Water Brooms

Accessories

Visit TigerTool.com For Full Product Line Details

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WARRANTY POLICY

WARRANTY / RETURN POLICY

TIGER TOOL INTERNATIONAL INCORPORATED ("TIGER TOOL") WARRANTS TO ITS CUSTOMERS THAT CAST PORTIONS OF ITS TOOLS ARE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS FOR AS LONG AS THE ORIGINAL PURCHASER OWNS THE TOOL. SUBJECT TO ("RESERVATION OF RIGHTS" AS PROVIDED HERE IN.

TIGER TOOL WARRANTS TO ITS CUSTOMERS THAT THREADED AREAS, BOLTS AND MACHINED COMPONENTS IN OR OF ITS TOOLS WILL NOT FAIL DUE TO DEFECTS IN WORKMANSHIP AND MATERIALS FOR A WARRANTY PERIOD OF TWO YEARS FROM THE DATE OF ORIGINAL PURCHASE.

For warranty service a customer must return the tool freight prepaid along with original proof of purchase to TIGER TOOL INTERNATIONAL INCORPORATED.

When a customer seeks warranty service with respect to a tool and that tool is covered by a TIGER TOOL warranty, TIGER TOOL may at its option repair the tool, replace the tool or refund the purchase price for the tool.

NEW UNUSED PRODUCT THAT IS RETURNED TO TIGER TOOL WITHIN YEAR AS A RESULT OF AN ORDERING/ PURCHASING ERROR OR DUE TO INVENTORY ADJUSTMENT WILL BE SUBJECT TO A TWENTY PERCENT (20%) RESTOCK/REWORK FEE WITH AUTHORIZED RGA NUMBER FAILING WHICH A 30% RESTOCKING FEE WILL APPLY.

Limitations of Liability Notice

TIGER TOOL DOES NOT WARRANT ANY OF ITS TOOLS THAT ARE SUBJECT TO ABNORMAL USE, INCLUDING WITHOUT LIMITATION MISUSE, ACCIDENT, MODIFICATION, UNREASONABLE USE, NEGLECT, LACK OF MAINTENANCE OR USE AFTER ANY PORTION OF A TOOL IS SIGNIFICANTLY WORN.

TOOLS THAT ARE FOUND TO BE OUTSIDE THE WARRANTY POLICY WILL BE RETAINED IN OUR WAREHOUSE FACILITY FOR FOUR MONTHS. DURING THIS TIME THREE (3) CONTACT ATTEMPTS WILL BE MADE FOR REPAIR APPROVAL. ONE (1) FINAL CALL WILL BE MADE PRIOR TO DISPOSAL. ANY ITEMS DISPOSED OF WILL NOT BE ELIGIBLE FOR REFUND OR CREDIT.

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WARRANTIES BY TIGER TOOL AS LISTED HEREIN REPRESENT YOUR EXCLUSIVE REMEDIES AND ARE IN PLACE OF ALL OTHER RIGHTS AND REMEDIES. You may have other rights, which vary, from state to state or from jurisdiction to jurisdiction.

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Reservation of Rights

TIGER TOOL reserves the right to change the design or construction of its tools at any time without incurring any obligation for incorporating any changes in tools or equipment previously sold.

TIGER TOOL reserves the right to discontinue the manufacture or offering from sale of any tool at any time. In this event the life time warranty on the cast portion of the tool will be become null and void.

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TOOL CHART

PULLER SIZES	OUTSIDE CUP DIMENSION		
10105	1.0000"	TO	1.2500"
10104	1.2500"	TO	1.7000"
10102	1.5000"	TO	2.2000"

****

10105	25.40mm	TO	31.76mm
10104	31.76mm	TO	43.18mm
10102	38.10mm	TO	55.88mm

Above measurements are on the outside diameter of the bearing cup.

PULLER CAPACITY

U-Joint Pullers	25,000 lbs
Slack Adjuster Pullers	10,000 lbs
Brake Clevis Pin Press	5,000 lbs

For Canadian Warranty Returns:
160-34434 McConnell Road
Abbotsford, B.C. V2S 7P1

For USA Warranty Returns:
115 First Street, P.O. Box 1420
Sumas, Wa 98295

WEIGHTS & DIMENSIONS

PART#	DESCRIPTION	KG	LBS	L	W	H
10102	Heavy Duty U-Joint Puller	5.9	13.0	10.0	3.5	8.0
10104	Intermediate U-Joint Puller	3.2	7.0	8.5	2.0	6.0
10105	Light Truck / Auto U-Joint Puller	1.6	3.5	7.0	2.2	4.5
10201	Bearing Cup Installer - Bolt Retained	0.7	1.5	10.0	3.5	8.0
10202	Automotive Bearing Cup Installer	1.8	4.0	11.0	2.0	6.0
10217	Bearing Cup Installer - Life Series	6.2	13.5	12.5	3.5	8.5
10301	7/8" Tie Rod End Remover	0.5	1.0	2.5	2.2	2.2
10302	3/4" Tie Rod End Remover	0.5	1.0	2.5	2.2	2.2
10304	20mm Tie Rod End Remover	0.5	1.0	2.5	2.2	2.2
10310	Tie Rod End Remover Set	1.4	3.0	10.0	3.5	8.0
10351	Tie Rod Socket Cars / Pickup	1.6	3.5	6.2	3.2	5.0
10353	Tie Rod Socket Heavy Duty Truck	2.0	4.0	6.2	3.2	5.0
10385	Pitman Arm Puller	2.0	4.5	6.5	3.5	5.0
10386	Pitman Arm Spreader	1.4	3.0	10.0	3.5	7.5
10388	Intermediate Pitman Arm Puller	3.0	5.0	6.2	3.2	5.0
10406	Manual Slack Puller	2.3	5.0	6.2	3.2	5.0
10407	Rockwell Slack Puller	3.2	7.0	9.5	3.0	6.0
10409	Gunite/Brunner/Bendix Slack Puller	3.4	7.5	10.0	5.0	6.5
10410	Haldex Slack Puller	3.2	7.0	10.0	5.0	6.5
10501	Brake Clevis Pin Press	1.4	3.0	7.0	2.2	4.7
10502	Slack Adjuster Rod Pin Press	0.5	1.0	7.0	2.2	4.7
10603	Wheel Stud & Brake Anchor Svc Kit	17.7	39.0	20.5	6.0	17.2
10608	Wheel Stud Service Kit	17	36.0	20.5	6.0	17.2
10610-30	Stud Installer Adapters	0.5	1.0	5.0	3.5	3.0
10803	Yoke Puller-Heavy Duty	8.2	18.0	14.5	4.5	13.0
10850	Yoke Puller-Automotive	1.2	2.5	10.0	3.5	8.0
11001	Axle Shaft Puller	8.2	18.0	9.7	9.0	6.5
11201	Clutch Pilot Bearing Puller	1.0	2.5	13.5	4.5	5.0
14001	Torsion Bar Unloader	1.8	4.0	8.5	2.0	6.0
15001	Leaf Spring Pin & Bushing Service Kit	15.9	35.0	20.5	6.0	17.2
15002	Highway Truck Suspension Add On Kit	5.0	10.0	15.0	5.0	13.0
15003	Universal Bushing Puller Add On Kit	9.0	18.5	36.0	4.0	8.0
16001	Stud Removal & Anchor Pin Service Kit	11.0	22.0	21.0	6.0	17.0
20101	10102, 10104, 10105, 10201	13.7	30.0	20.5	6.0	17.2
20150	10102, 10201, 10217	14.8	32.5	20.5	6.0	17.2
20201	10102, 10201, 10301, 10406, 10407	14.5	32.0	20.5	6.0	17.2
20301	10102, 10201, 10301, 10406, 10501	13.0	28.5	20.5	6.0	17.2
20387	10385, 10386	5.0	10.0	14.7	4.5	12.5
20401	10102, 10201, 10301, 10409, 10410	15.4	34.0	21.0	6.0	17.0
20475	Light -Medium Duty U-Joint Svc Kit	10.0	22.0	20.5	6.0	17.0
20503	Auto U-Joint Service Kit	4.8	10.5	14.7	4.5	12.5
20602	Slack Adjuster Service Kit	16.4	36.0	20.5	6.0	17.2
30301	3/4" Pneumatic Impact Wrench	4.5	10.0	10.5	5.0	12.0
30401	1" Pneumatic Impact Wrench	5.0	11.0	14.0	5.0	13.0
30402	1" Pneumatic Impact Wrench (Long Nose)	18	40.0	25.0	10.0	10.0
70125	Air / Hydraulic Pump	11.0	24.5	15.0	13.5	10.0
70126	Enerpac Air / Hydraulic Rotary Pump	10.0	22.0	15.0	10.0	8.0
70300	U-Joint Snap Ring Pliers	0.5	1.0	12.5	9.5	2.0
70301	75 Degree U-Joint Snap Ring Pliers	0.5	1.0	12.5	9.5	2.0

Important Safety Warning

STAY ALERT! Watch what you're are doing and use good common sense when operating these tools. Do not operate tools while under the influence of drugs, alcohol, or medication. Always use safety equipment to prevent injuries. Approved face and eye protection must always be worn by the operator, as well as others in the work area. Keep your work area clean and well lit.

New Tool Development

Tiger Tool International Incorporated is dedicated to the development of new and innovative tools to meet the needs of the light to heavy-duty equipment industry. If you wish to speak with us regarding the development and marketing of any new ideas or products that you may have, please feel free to call us at any time.

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